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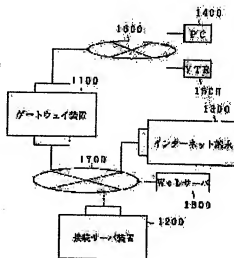
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(54) GATEWAY UNIT, CONNECTION SERVER UNIT, INTERNET TERMINAL, NETWORK SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a gateway unit that interconnects a private network and the Internet, and relieves the load of complicated processings for maintaining security.

SOLUTION: An Internet terminal 1300, connected to the Internet 1700, communicates with a PC 1400 or a VTR 1500 as a private terminal. A connection server unit 1200 connected to the Internet authenticates the communication to the private network 1600. The gateway unit 1100 receives only an encrypted packet, received from the connection server unit 1200, to maintain security of the private network 1600 and to reduce the processing load of the gateway unit 1100 to a low level.



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